

## EAST Search History

S65	86	("4591823"   "4733356"   "4796191"   "4954958"   "5025261"   "5043902"   "5072395"   "5172321"   "5239700"   "5243528"   "5278759"   "5311195"   "5311434"   "5323321"   "5334986"   "5359529"   "5364093"   "5394333"   "5452212"   "5475599"   "5488559"   "5504482"   "5515284"   "5539645"   "5541845"   "5543789"   "5559511"   "5559707"   "5563607"   "5565874"   "5587911"   "5604676"   "5610821"   "5612881"   "5635953"   "5638280"   "5642106"   "5648768"   "5648769"   "5651056"   "5659476"   "5757289"   "5774824"   "5774827"   "5794164"   "5802492"   "5808566"   "5845227"   "5848373"   "5862500"   "5875412"   "5905451"   "5922041"   "5924075"   "5933100"   "5938721"   "5948040"   "5951620"   "5952941"   "5955973"   "5959577"   "5987381"   "5990825"   "6009403"   "6012012"   "6028537"   "6032089"   "6070124"   "6073062"   "6073075"   "6075467"   "6076041"   "6104338"   "6124826"   "6131064"   "6141609"   "6169515"   "6216086"   "6249767"   "6259377"   "6324472"   "6353743"   "6363323"   "6405130"   "6429812"   "6526352").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/04 17:42
S66	1	("6680694").PN.	USPAT	OR	OFF	2006/02/04 17:42
S67	2414	"379"/\$.ccls. and gateway and (stor\$4 with information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 10:36
S68	389	S67 and @rlad<"20012307"	USPAT	OR	OFF	2006/07/17 10:36

## EAST Search History

S69	249	"379"/\$.ccls. and (gateway with stor\$4 with information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:28
S70	39	S69 and @rlad<"20012307"	USPAT	OR	OFF	2006/07/17 10:36
S71	135	S69 and @ad<"20012307"	USPAT	OR	OFF	2006/07/17 14:20
S72	305	370/400-401.ccls. and (gateway with stor\$4 with information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 18:31
S73	211	S72 and telephone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 14:20
S74	103	S73 and @ad<"20012307"	USPAT	OR	OFF	2006/07/17 17:26
S75	11	("5524137"   "5751791"   "5790803"   "5825565"   "5825865"   "5870454"   "5872926"   "5912952"   "6072862"   "6122290"   "6185288").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 14:40
S76	5	("5896382"   "6044403"   "6163602"   "6167042"   "6219409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 14:43
S77	13	(embedded adj device\$2) and (gateway with stor\$4 with information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 15:05
S78	92	(embedded adj device\$2) and (gateway with stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 17:26
S79	1	("5940210").PN.	USPAT	OR	OFF	2006/07/17 15:08
S80	1	("5490210").PN.	USPAT	OR	OFF	2006/07/17 15:08
S81	1	("5379341").PN.	USPAT	OR	OFF	2006/07/17 15:09
S82	1	("4907079").PN.	USPAT	OR	OFF	2006/07/17 15:09

## EAST Search History

S83	110	("4363102"   "4488179"   "4546382"   "4581484"   "4581645"   "4622583"   "4644509"   "4658290"   "4712242"   "4720863"   "4779198"   "4808992"   "4816904").PN. OR ("4907079"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 15:10
S84	6	("5867494"   "5999525"   "6061347"   "6128304"   "6141341"   "6196846").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 15:19
S85	5	("5896382"   "6044403"   "6163602"   "6167042"   "6219409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 16:07

## EAST Search History

S86	86	("4591823"   "4733356"   "4796191"   "4954958"   "5025261"   "5043902"   "5072395"   "5172321"   "5239700"   "5243528"   "5278759"   "5311195"   "5311434"   "5323321"   "5334986"   "5359529"   "5364093"   "5394333"   "5452212"   "5475599"   "5488559"   "5504482"   "5515284"   "5539645"   "5541845"   "5543789"   "5559511"   "5559707"   "5563607"   "5565874"   "5587911"   "5604676"   "5610821"   "5612881"   "5635953"   "5638280"   "5642106"   "5648768"   "5648769"   "5651056"   "5659476"   "5757289"   "5774824"   "5774827"   "5794164"   "5802492"   "5808566"   "5845227"   "5848373"   "5862500"   "5875412"   "5905451"   "5922041"   "5924075"   "5933100"   "5938721"   "5948040"   "5951620"   "5952941"   "5955973"   "5959577"   "5987381"   "5990825"   "6009403"   "6012012"   "6028537"   "6032089"   "6070124"   "6073062"   "6073075"   "6075467"   "6076041"   "6104338"   "6124826"   "6131064"   "6141609"   "6169515"   "6216086"   "6249767"   "6259377"   "6324472"   "6353743"   "6363323"   "6405130"   "6429812"   "6526352").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 16:27
S87	697	appliances and (gateway with stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 18:39
S88	504	S87 and telephone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 17:37

## EAST Search History

S89	96	S73 and @ad<"20010723"	USPAT	OR	OFF	2006/07/17 17:27
S90	92	S88 and @ad<"20010723"	USPAT	OR	OFF	2006/07/17 17:37

## EAST Search History

S91	425	("3573747"   "3609697"   "3790700"   "3796830"   "3798359"   "3798360"   "3798605"   "3806874"   "3806882"   "3829833"   "3845391"   "3906448"   "3911397"   "3924065"   "3931504"   "3946200"   "3946220"   "3956615"   "3958081"   "3970992"   "3996449"   "4020326"   "4048619"   "4071911"   "4104721"   "4112421"   "4120030"   "4162483"   "4163280"   "4168396"   "4183085"   "4196310"   "4200913"   "4209787"   "4217588"   "4220991"   "4232193"   "4232317"   "4236217"   "4246638"   "4253157"   "4259720"   "4262329"   "4265371"   "4270182"   "4278837"   "4305131"   "4306289"   "4309569"   "4319079"   "4321672"   "4323921"   "4328544"   "4337483"   "4361877"   "4375579"   "4405829"   "4433207"   "4434464"   "4442484"   "4442486"   "4446519"   "4454594"   "4458315"   "4462076"   "4462078"   "4465901"   "4471163"   "4471216"   "4484217"   "4494156"   "4513174"   "4523271"   "4525599"   "4528588"   "4528643"   "4529870"   "4553252"   "4558176"   "4558413"   "4562305"   "4562306"   "4562495"   "4573119"   "4577289"   "4578530"   "4584639"   "4584641"   "4588991"   "4589064"   "4590552"   "4593183"   "4593353"   "4593376"   "4595950"   "4597058"   "4598288"   "4599489"   "4609777"   "4609985"   "4621321"   "4621334"   "4622222"   "4634807"   "4644493"   "4646234"   "4652990"   "4658093"   "4670857"   "4672572"   "4672605"   "4677434"   "4677552"   "4680731"   "4680752"   "4680760"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 17:28
7/18/06 5:34:50 PM	C:\Documents and Settings\jrad5\My Documents	EAST\Workspaces\09911152.wsp				Page 14

## EAST Search History

S92	158	S87 and (telephone with interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 17:37
S93	29	S92 and @ad<"20010723"	USPAT	OR	OFF	2006/07/17 18:33

## EAST Search History

S94	101	("3409175"   "3666143"   "3938639"   "3949903"   "3960298"   "3991911"   "3995441"   "4076145"   "4143793"   "4172669"   "4174872"   "4181242"   "4218014"   "4237536"   "4252253"   "4333587"   "4354613"   "4358171"   "4377246"   "4413752"   "4509690"   "4549675"   "4560089"   "4577782"   "4629090"   "4658988"   "4765513"   "4781309"   "4791411"   "4824075"   "4827426"   "4856684"   "4930666"   "4932564"   "4936488"   "4961533"   "4974643"   "4993604"   "5007560"   "5040106"   "5129549"   "5156301"   "5156871"   "5190189"   "5193718"   "5203474"   "5263509"   "5269442"   "5280711"   "5297400"   "5303846"   "5343716"   "5368198"   "5392960"   "5437395"   "5454406"   "5535216"   "5542265"   "5553755"   "5565923"   "5570587"   "5588025"   "5596420"   "5602595"   "5607083"   "5611867"   "5647512"   "5694794"   "5703877"   "5720037"   "5732563"   "5742623"   "5745366"   "5751888"   "5774053"   "5791517"   "5829085"   "5845815"   "5856973"   "5862961"   "5901884"   "5984512"   "5987105"   "5988346"   "5993739"   "6036166"   "6039219"   "6041970"   "6056194"   "6061399"   "6085740"   "6138693"   "6161059"   "6181981"   "6204763"   "6264548"   "6321985"   "6457038"   "RE30301"   "RE35780").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 17:41
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## EAST Search History

S95	11	("5524137"   "5751791"   "5790803"   "5825565"   "5825865"   "5870454"   "5872926"   "5912952"   "6072862"   "6122290"   "6185288").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 17:49
S96	82	("4882681"   "4958366"   "5146488"   "5163081"   "5333266").PN. OR ("5524137"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 17:53
S97	48	("5010399"   "5130793"   "5321846"   "5630204"   "5708961"   "5756280"   "5774527"   "5781892"   "5790548"   "5847751"   "5880864"   "5886732"   "5886752"   "5892758"   "6219042"   "6219409"   "6230194"   "6272212"   "6308213"   "6317742"   "6317884"   "6385653"   "6388399"   "6452923").PN. OR ("6526581").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 18:01
S98	15	("5805442"   "5956487"   "5975737"   "5982362"   "6288716"   "6336137"   "6526581"   "6529936"   "6546419"   "6559882"   "6587739"   "6622919"   "6661904"   "6694387"   "6871193").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 18:12
S99	11	("5521631"   "5574964"   "5613190"   "5613191"   "5628055"   "5630204"   "5708961"   "5793413"   "5828403"   "5842111"   "5936660").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 18:17

## EAST Search History

S10 0	36	("4086434"   "4394540"   "4847892"   "5086385"   "5109222"   "5189694"   "5206900"   "5239575"   "5267307"   "5301303"   "5305312"   "5351289"   "5359641"   "5361296"   "5394461"   "5396548"   "5467385"   "5479493"   "5550913"   "5559860"   "5563938"   "5563939"   "5581599"   "5610910"   "5621727"   "5636211"   "5642101"   "5699276"   "5737400"   "5815086"   "5838226"   "5875430"   "5880677"   "5886647"   "5886732"   "5892758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 18:27
S10 1	1122	gateway and (connection adj control) and interface and telephone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 18:38
S10 2	133	(gateway with stor\$5) and (connection adj control) and interface and telephone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 18:38
S10 3	57	S102 and @ad<"20010723"	USPAT	OR	OFF	2006/07/17 18:38
S10 4	1070	(gateway with stor\$5) and (control\$4) and (interface with telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 18:40
S10 5	413	S104 and @ad<"20010723"	USPAT	OR	OFF	2006/07/17 18:40
S10 6	29	S105 and appliances	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 19:09
S10 7	187	(gateway with stor\$5) and (control\$4) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 19:23
S10 8	86	S107 and @ad<"20010723"	USPAT	OR	OFF	2006/07/17 19:13

## EAST Search History

S109	19	(gateway with stor\$5) and (connection near control\$4) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 19:12
S110	10	("5115429"   "5313454"   "5812526"   "5933490"   "5970443"   "6122338"   "6295292"   "6307839"   "6333931"   "6389005").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 19:08
S111	35	S107 and appliances	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 19:09
S112	11	("4747130"   "5386413"   "5940387"   "6049539"   "6144411"   "6249570"   "6449269"   "6456714"   "6496862"   "6584102"   "6611537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 19:10
S113	113	(gateway with stor\$5) and (modem or onrol\$4) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 19:13
S114	189	(gateway with stor\$5) and (modem or control\$4) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 19:13
S115	88	S114 and @ad<"20010723"	USPAT	OR	OFF	2006/07/17 19:32
S116	36	("4086434"   "4394540"   "4847892"   "5086385"   "5109222"   "5189694"   "5206900"   "5239575"   "5267307"   "5301303"   "5305312"   "5351289"   "5359641"   "5361296"   "5394461"   "5396548"   "5467385"   "5479493"   "5550913"   "5559860"   "5563938"   "5563939"   "5581599"   "5610910"   "5621727"   "5636211"   "5642101"   "5699276"   "5737400"   "5815086"   "5838226"   "5875430"   "5880677"   "5886647"   "5886732"   "5892758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 19:21

## EAST Search History

S11 7	36	(gateway with information with (units or devices)) and (control\$4) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 19:32
S11 8	376	(gateway with information) and (control\$4) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 07:14
S11 9	177	S118 and @ad<"20010723"	USPAT	OR	OFF	2006/07/18 08:34
S12 0	159	S119 not S117	USPAT	OR	OFF	2006/07/17 19:32
S12 1	39	(gateway with (database or information) with (devices or unit)) and (connection with control\$4) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 08:33
S12 2	79	(gateway with (database or information) with (devices or unit)) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 08:39
S12 3	46	S122 and @ad<"20010723"	USPAT	OR	OFF	2006/07/18 08:40
S12 4	802	(gateway with (contain\$4 or compris\$4 or stor\$4) with information) and (interface with telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:37
S12 5	337	S124 and @ad<"20010723"	USPAT	OR	OFF	2006/07/18 08:48
S12 6	136	(gateway with (contain\$4 or compris\$4 or stor\$4) with information) and (interface near telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 08:42
S12 7	337	S124 and @ad<="20010723"	USPAT	OR	OFF	2006/07/18 08:48
S12 8	417	S124 and @ad<="20010723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 08:51

## EAST Search History

S12 9	93	S126 and @ad<="20010723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:24
S13 0	0	plc and ajit.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:21
S13 1	0	plc and ajit.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:21
S13 2	19	plc and ajit.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:21
S13 3	50	(gateway with (contain\$4 or compris\$4 or stor\$4) with information) and (interface adj telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:38
S13 4	25	S133 and @ad<="20010723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:38
S13 5	28	"379"/\$.ccls. and (gateway with stor\$4 with information) and appliances	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 09:37
S13 6	5	("5896382"   "6044403"   "6163602"   "6167042"   "6219409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:30
S13 7	3	("5682422"   "5684965"   "5852658").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:31
S13 8	51	("3922492"   "4126762"   "4394540"   "4654868"   "4720851"   "4856054"   "5025470"   "5161182"   "5239575"   "5369691"   "5381462"   "5452343"   "5528675"   "5548633"   "5555266"   "5719564").PN. OR ("5852658").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:32

## EAST Search History

S13 9	12	("4680704"   "4749992"   "5434911"   "5506404"   "5541589"   "5559870"   "5590179"   "5764739"   "5852658"   "5870140"   "5880464"   "6622097").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 09:34
S14 0	363	(gateway with (contain\$4 or compris\$4 or stor\$4) with information) and appliances	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 10:34
S14 1	115	S140 and @ad<="20010723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 10:55
S14 2	6	("20020152311"   "20030026273"   "6018690"   "6288716"   "6434627"   "6523696").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:03
S14 3	9	("5832439"   "5890123"   "5893064"   "6133909"   "6199034"   "6199067"   "6236395"   "6314398"   "6324512").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:05

# EAST Search History

S14 4	94	( "3330955"   "3705986"   "4275385"   "4402090"   "4408543"   "4426738"   "4450319"   "4456793"   "4516221"   "4601064"   "4628541"   "4649385"   "4659048"   "4717913"   "4727600"   "4807222"   "4809257"   "4837568"   "4843606"   "4856046"   "4866704"   "4866758"   "4932050"   "4959874"   "4975926"   "4977618"   "5062151"   "5068916"   "5087982"   "5099346"   "5191461"   "5218356"   "5235258"   "5241410"   "5247380"   "5253095"   "5276680"   "5276703"   "5283819"   "5297144"   "5305132"   "5307297"   "5309351"   "5321542"   "5363229"   "5363425"   "5369686"   "5384652"   "5387993"   "5387994"   "5398280"   "5400246"   "5402469"   "5416627"   "5424859"   "5438937"   "5440559"   "5455851"   "5457742"   "5461627"   "5463623"   "5479408"   "5493283"   "5508836"   "5515426"   "5526351"   "5539665"   "5548637"   "5550913"   "5564020"   "5564070"   "5566022"   "5568544"   "5596648"   "5600471"   "5602843"   "5606444"   "5617236"   "5627524"   "5631954"   "5633484"   "5640390"   "5646761"   "5681008"   "5722076"   "5742596"   "5751221"   "5809243"   "5960085"   "6081356"   "D358380"   "RE35035").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:24
S14 5	16	masushita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 10:33

## EAST Search History

S14 6	820969	matsushita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 10:33
S14 7	12	S146 and (gateway with (contain\$4 or compris\$4 or stor\$4) with information) and appliances	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 10:54
S14 8	9	("5832439"   "5890123"   "5893064"   "6133909"   "6199034"   "6199067"   "6236395"   "6314398"   "6324512").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:35
S14 9	0	emware.as. and (gateway with (contain\$4 or compris\$4 or stor\$4) with information) and appliances	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 10:37
S15 0	37	emware.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 10:37
S15 1	16	("4812963"   "5544320"   "5577251"   "5768510"   "5787251"   "5793965"   "5802530"   "5815712"   "5848246"   "5848273"   "5870719"   "5881230"   "5884317"   "5889942"   "5960421"   "6032198").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 10:44
S15 2	251	(gateway with appliances) and telephone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 13:52
S15 3	57	S152 and @ad<="20010723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 13:52
S15 4	542	(gateway with applian\$4) and telephone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 13:52



## EAST Search History

S15 5	129	S154 and @ad<="20010723"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 13:52
S15 6	23	("4097696"   "4512033"   "4648123"   "5221838"   "5428821"   "5491791"   "5550984"   "5623601"   "5629981"   "5694335").PN. OR ("5898831").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 13:58
S15 7	7	("4555057"   "4612775"   "4630449"   "4843833"   "5207071"   "5421247"   "5460006").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 14:20
S15 8	10	("3783193"   "3876836"   "4121053"   "4146754"   "4442319"   "5127045"   "5379341"   "5414756"   "5548635"   "6021324").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 14:21
S15 9	10	("4174517"   "4644320"   "4808841"   "5233342"   "5424587"   "5650771"   "5875430"   "5880677"   "6380852"   "6668328").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 14:25
S16 0	13	("4114150"   "4470093").PN. OR ("4763104").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 15:03
S16 1	23	("4302750"   "4347575"   "4418333"   "4419667"   "4484258"   "4656593"   "4703306"   "4763104"   "4783748"   "4792731"   "4933668"   "4939728"   "5175677"   "5196823"   "5327307"   "5416777").PN. OR ("5495406").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 15:06
S16 2	6	("3689886"   "5038364"   "5495406"   "6144292"   "6383076"   "6597282").PN. OR ("7049939").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 15:13
S16 3	2	("6021324").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:13

## EAST Search History

S16 4	2	("5548635").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:14
S16 5	2	("5414756").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:14
S16 6	69	("4751578"   "4787063"   "4841132"   "4847696"   "4907079"   "4908713"   "4963994"   "5003384"   "5016273"   "5038211"   "5089885"   "5151789"   "5172413"   "5223924"   "5228077"   "5255313").PN. OR ("5414756").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 15:15
S16 7	62	("20020097851"   "20020196158"   "3407301"   "3737566"   "3993861"   "4034362"   "4329684"   "4807031"   "4962522"   "4999617"   "5153568"   "5228077"   "5231488"   "5268995"   "5309509"   "5333054"   "5347110"   "5410326"   "5414756"   "5488571"   "5521966"   "5528740"   "5535147"   "5553123"   "5570297"   "5592188"   "5594493"   "5600711"   "5636994"   "5652602"   "5726645"   "5734363"   "5745068"   "5746602"   "5748895"   "5752880"   "5761601"   "5767896"   "5774063"   "5781125"   "5801664"   "5805443"   "5815086"   "5819294"   "5850304"   "5852615"   "5873765"   "5880769"   "5905486"   "5907350"   "5953047"   "6049778"   "6112127"   "6157982"   "6161133"   "6281820"   "6415023"   "6483906"   "6505243"   "6704401").PN. OR ("6882712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 15:17

## EAST Search History

S16 8	10	("3783193"   "3876836"   "4121053"   "4146754"   "4442319"   "5127045"   "5379341"   "5414756"   "5548635"   "6021324").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/18 15:23
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